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PTO/SB/81 (11-85)  
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|                                                                                              |                        |                |
|----------------------------------------------------------------------------------------------|------------------------|----------------|
| <b>POWER OF ATTORNEY OR<br/>AUTHORIZATION OF AGENT,<br/>NOT ACCOMPANYING<br/>APPLICATION</b> | Application Number     | 10/022,014     |
|                                                                                              | Filing Date            | 14-Dec-2001    |
|                                                                                              | First Named Inventor   | C. Brush       |
|                                                                                              | Group Art Unit         | 1645           |
|                                                                                              | Examiner Name          | To be assigned |
|                                                                                              | Attorney Docket Number | PB01112        |

I hereby appoint:

☒ Practitioners at Customer Number

22840

OR

☐ Practitioner(s) named below:



Place Customer  
Number Bar Code  
PATENT & TRADEMARK OFFICE

| Name | Registration Number |
|------|---------------------|
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|      |                     |
|      |                     |
|      |                     |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

|                                                     |  |       |  |     |  |
|-----------------------------------------------------|--|-------|--|-----|--|
| <input type="checkbox"/> Firm or<br>Individual Name |  |       |  |     |  |
| Address                                             |  |       |  |     |  |
| Address                                             |  |       |  |     |  |
| City                                                |  | State |  | ZIP |  |
| Country                                             |  |       |  |     |  |
| Telephone                                           |  | Fax   |  |     |  |

I am the:

☐ Applicant.

☒ Assignee of record of the entire interest  
*Certificate under 37 CFR 3.73(b) is enclosed*

**SIGNATURE of Applicant or Assignee of Record**

|           |                   |
|-----------|-------------------|
| Name      | Andrew Rackear    |
| Signature |                   |
| Date      | February 13, 2003 |

**+** Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.



### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Amersham Biosciences AB

Application No./Patent No.: 10/022,014 Filed/Issue Date: 14-Dec-2001

Entitled: Post-Synthesis Labeling of Nucleic Acids, Assays Using Nucleic Acids that are Labeled Post-Synthetically, Single Nucleotide Polymorphism Detection, and Associated Compounds and Microarrays

Amersham Biosciences AB, a corporation,  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Charles K. Brush To: Motorola, Inc.  
The document was recorded in the Patent and Trademark Office at  
Reel 012395, Frame 0249, or for which a copy thereof is attached.
2. From: Vineeta Gupta To: Motorola, Inc.  
The document was recorded in the Patent and Trademark Office at  
Reel 012395, Frame 0249, or for which a copy thereof is attached.
3. From: Motorola, Inc. To: Amersham Biosciences AB  
The document was recorded in the Patent and Trademark Office at  
Reel 013323, Frame 0940, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

February 13, 2003

Date

Signature

Andrew Rackear

Typed or printed name

Attorney-In-Fact

Title



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

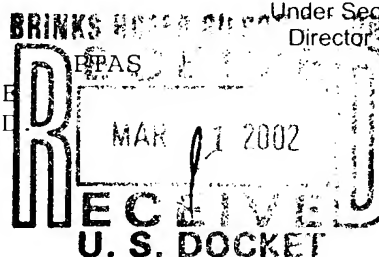
RECEIVED

FEB 25 2003

TECH CENTER 1600/2900

FEBRUARY 15, 2002

BRINKS HOFER GILSON & LIONE  
JONATHAN M. BLANCHARD, PH.D.  
P.O. BOX 10395  
CHICAGO, IL 60610



Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov



\*101928170A\*



UNITED STATES PATENT AND TRADEMARK OFFICE  
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ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
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PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/14/2001

REEL/FRAME: 012395/0249  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BRUSH, CHARLES K.

DOC DATE: 12/06/2001

ASSIGNOR:

GUPTA, VINEETA

DOC DATE: 12/10/2001

ASSIGNEE:

MOTOROLA  
4088 COMMERCIAL AVENUE  
MD IL 08/46  
NORTHBROOK, ILLINOIS 60062

SERIAL NUMBER: 10022014  
PATENT NUMBER:

FILING DATE: 12/14/2001  
ISSUE DATE:

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

PATENTS ONLY

TO 1

12-31-2001

PATENTS ONLY

PATENTS

12.14.01

Please re

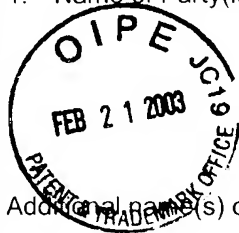


101928170

r copy thereof.

1. Name of Party(ies) conveying an interest in

Address of Party(ies) receiving an interest:

Charles K. Brush  
Vineet GuptaName: MOTOROLA  
Internal Address: MD IL 08/46  
Street Address: 4088 Commercial Avenue  
City: Northbrook  
State/Zip: IL 60062Jc971 U.S. Pat.  
10/022014  
12/14/01

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment ☐ Change of Name Other:☐ Security Agreement ☐ Merger

Execution Date: December 6, 2001 and December 10, 2001

4. Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No

If this document is being filed together with a new application, the execution date of the application is:

December 14, 2001

Date

A. Patent Application No.(s)  
Attorney Docket No. 10907-4

B. Patent No.(s)

10 022014

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40

☒ Enclosed  
☐ Authorized to be charged to Deposit Account No. 23-19258. ☒ Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

12/28/2001 GTOW11 00000103 10022014

01 FC:581

40.00 DP

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jonathan M. Blanchard, Ph.D.  
Name of Person Signing  
SignatureDecember 14, 2001  
Date

Total number of pages including cover sheet, attachments, and document: \_\_\_\_\_

Rev. Dec.-99

F:\COMMON\jmbb\COMMON Client-Matter Documents\Formal Papers by Case\10907 Motorola\10907-4\10907-4 Recordal of Assignment.doc

ASSIGNMENT

WHEREAS, Charles K. Brush and Vineet Gupta, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled POST-SYNTHESIS LABELING OF NUCLEIC ACIDS, ASSAYS USING NUCLEIC ACIDS THAT ARE LABELED POST-SYNTHETICALLY, SINGLE NUCLEOTIDE POLYMORPHISM DETECTION, AND ASSOCIATED COMPOUNDS AND MICROARRAYS, executed by Assignors on the same date as this Assignment;

WHEREAS, Motorola, Inc., a corporation organized and existing under the laws of the State of Illinois, having a place of business at 1303 East Algonquin Road, Schaumburg, Illinois 60196, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in

vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:

12/6/01

Charles K. Brush  
Charles K. Brush

DATED:

12/10/01

Vineet Gupta  
Vineet Gupta

STATE OF Illinois)  
 ) ss.  
COUNTY OF Cook)

I, Tamra J. Smith, A Notary Public in and for the County and State aforesaid, do hereby certify that Charles K. Brush, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 6th day of December, 2001.



Tamra J. Smith  
Notary Public

My Commission Expires: 5/21/2004

STATE OF Massachusetts  
 ) ss.  
COUNTY OF Suffolk.

I, Jelanda Tubery, A Notary Public in and for the County and State aforesaid, do hereby certify that Vineet Gupta, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 10 day of December, 2001.

(SEAL)

Jelanda Tubery  
Notary Public

My Commission Expires: 3/12/04

Rev. Dec. 99

F:\COMMON\jmbb\Common Client-Matter Documents\Formal Papers by Case\10907 Motorola\10907-4\10907-4 Assignment.doc



JANUARY 06, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

AMERSHAM BIOSCIENCES CORP  
ROYAL N. RONNING, JR.  
800 CENTENNIAL AVENUE  
PISCATAWAY, NJ 08855



\*102238150A\*

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ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/25/2002

REEL/FRAME: 013323/0940

NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MOTOROLA, INC.

DOC DATE: 07/18/2002

ASSIGNEE:

AMERSHAM BIOSCIENCES AB  
BJORKGATAN 30  
UPPSALA, SWEDEN SE751-84

✓ SERIAL NUMBER: 09580744  
PATENT NUMBER:

FILING DATE: 05/26/2000  
ISSUE DATE:

✓ SERIAL NUMBER: 60155431  
PATENT NUMBER:

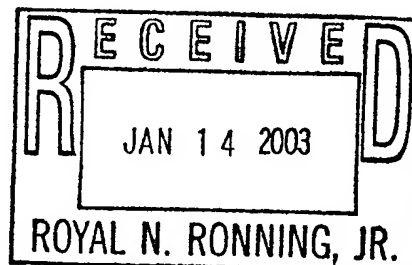
FILING DATE: 09/22/1999  
ISSUE DATE:

✓ SERIAL NUMBER: 10114903  
PATENT NUMBER:

FILING DATE: 04/01/2002  
ISSUE DATE:

✓ SERIAL NUMBER: 09439889  
PATENT NUMBER:

FILING DATE: 11/12/1999  
ISSUE DATE:





✓ SERIAL NUMBER: 09334217  
✓ PATENT NUMBER:

FILING DATE: 06/16/1999  
ISSUE DATE:

SERIAL NUMBER: 09464490  
PATENT NUMBER:

FILING DATE: 12/15/1999  
ISSUE DATE:

SERIAL NUMBER: 09605766  
PATENT NUMBER:

FILING DATE: 06/28/2000  
ISSUE DATE:

SERIAL NUMBER: 09492013  
PATENT NUMBER:

FILING DATE: 01/26/2000  
ISSUE DATE:

✓ SERIAL NUMBER: 09344620  
✓ PATENT NUMBER: 6372813

FILING DATE: 06/25/1999  
ISSUE DATE: 04/16/2002

✓ SERIAL NUMBER: 09976986  
✓ PATENT NUMBER:

FILING DATE: 10/11/2001  
ISSUE DATE:

✓ SERIAL NUMBER: 10025185  
✓ PATENT NUMBER:

FILING DATE: 12/19/2001  
ISSUE DATE:

✓ SERIAL NUMBER: 09707823  
✓ PATENT NUMBER: 6500921

FILING DATE: 11/07/2000  
ISSUE DATE: 12/31/2002

✓ SERIAL NUMBER: 09642863  
✓ PATENT NUMBER:

FILING DATE: 08/21/2000  
ISSUE DATE:

✓ SERIAL NUMBER: 10022014  
✓ PATENT NUMBER:

FILING DATE: 12/14/2001  
ISSUE DATE:

✓ SERIAL NUMBER: 10114908  
✓ PATENT NUMBER:

FILING DATE: 04/01/2002  
ISSUE DATE:

✓ SERIAL NUMBER: 60950767  
✓ PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

✓ SERIAL NUMBER: 09946424  
✓ PATENT NUMBER:

FILING DATE: 09/05/2001  
ISSUE DATE:

✓ SERIAL NUMBER: 09921045  
✓ PATENT NUMBER:

FILING DATE: 08/02/2001  
ISSUE DATE:

✓ SERIAL NUMBER: 10131426  
✓ PATENT NUMBER:

FILING DATE: 04/23/2002  
ISSUE DATE:

✓ SERIAL NUMBER: 09149506  
✓ PATENT NUMBER: 6203985

FILING DATE: 09/08/1998  
ISSUE DATE: 03/20/2001

✓ SERIAL NUMBER: 09149507  
✓ PATENT NUMBER: 5936730

FILING DATE: 09/08/1998  
ISSUE DATE: 08/10/1999

✓ SERIAL NUMBER: 09174605  
✓ PATENT NUMBER: 6048699

FILING DATE: 10/19/1998  
ISSUE DATE: 04/11/2000

|                          |                         |
|--------------------------|-------------------------|
| ✓SERIAL NUMBER: 09174606 | FILING DATE: 10/19/1998 |
| ✓PATENT NUMBER: 6096172  | ISSUE DATE: 08/01/2000  |
| ✓SERIAL NUMBER: 08533825 | FILING DATE: 09/26/1995 |
| ✓PATENT NUMBER: 5597182  | ISSUE DATE: 01/28/1997  |
| ✓SERIAL NUMBER: 08634103 | FILING DATE: 04/17/1996 |
| ✓PATENT NUMBER: 5671303  | ISSUE DATE: 09/23/1997  |
| ✓SERIAL NUMBER: 08861927 | FILING DATE: 05/22/1997 |
| ✓PATENT NUMBER: 5841914  | ISSUE DATE: 11/24/1998  |
| ✓SERIAL NUMBER: 08901102 | FILING DATE: 07/28/1997 |
| ✓PATENT NUMBER: 6103467  | ISSUE DATE: 08/15/2000  |
| ✓SERIAL NUMBER: 08634082 | FILING DATE: 04/17/1996 |
| ✓PATENT NUMBER: 5733509  | ISSUE DATE: 03/31/1998  |
| ✓SERIAL NUMBER: 08951319 | FILING DATE: 10/16/1997 |
| ✓PATENT NUMBER: 6013446  | ISSUE DATE: 01/11/2000  |
| ✓SERIAL NUMBER: 08648635 | FILING DATE: 05/13/1996 |
| ✓PATENT NUMBER: 5731152  | ISSUE DATE: 03/24/1998  |
| ✓SERIAL NUMBER: 08838491 | FILING DATE: 04/07/1997 |
| ✓PATENT NUMBER: 5948694  | ISSUE DATE: 09/07/1999  |
| ✓SERIAL NUMBER: 08859513 | FILING DATE: 05/20/1997 |
| ✓PATENT NUMBER: 6048691  | ISSUE DATE: 04/11/2000  |

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

10-02-2002

Docket No.: Motorola

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



102238150

Tab settings

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party:  
Motorola, Inc.

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: July 18, 2002

2. Name and address of receiving party(ies):

Name: Amersham Biosciences AB

Internal Address:

Street Address: Bjorkgatan 30

Uppsala, Sweden SE751-84

City: State: ZIP:

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

09/580,744 09/334,217 09/344,620  
60/155,431 09/464,490 09/976,986  
10/114,903 09/605,766 10/025,185  
09/439,889 09/492,013 09/707,823

6,203,985 5,597,182 5,733,509  
5,936,730 5,671,303 6,013,446  
6,048,699 5,841,914 5,731,152  
6,096,172 6,103,467 5,948,694

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Royal N. Ronning, Jr.

Internal Address: Amersham Biosciences Corp

10/02/2002 LNUELLER 00000019 500588 09580744

01 FC:581 1280.00 CH

Street Address: 800 Centennial Avenue

City: Piscataway State: NJ ZIP: 08855

6. Total number of applications and patents involved: 29

7. Total fee (37 CFR 3.41): \$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

500-588

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Royal N. Ronning, Jr.

Name of Person Signing

Signature

September 25, 2002

Date

Total number of pages including cover sheet, attachments, and document: 12



**Continuation of Patent Application No.(s):**

09/642,863  
10/022,014  
10/114,908  
60/950,767  
09/946,424  
09/921,045  
10/131,426

**Continuation of Patent No.(s):**

6,048,691

## PATENT ASSIGNMENT AGREEMENT

THIS PATENT ASSIGNMENT AGREEMENT is entered into this 24th day of July 2002, by and between MOTOROLA, INC., a Delaware corporation (the "Assignor"), and AMERSHAM BIOSCIENCES AB, a corporation organized under the laws of Sweden (the "Assignee").

WHEREAS, the Assignor is the owner of certain new and useful inventions as described in the patent applications (whether pending or in the process of preparation) and patents listed in the attached Schedule (all such inventions, patents and patent applications collectively referred to as the "Patents"); and

WHEREAS, the Assignee, is desirous of acquiring, and Assignor is desirous of assigning to Assignee all of its right, title and interest in and to the Patents.

NOW, THEREFORE, in consideration of the premises and of the mutual covenants and conditions herein contained and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the parties hereto hereby agree as follows:

1. Assignor hereby SELLS, ASSIGNS and CONVEYS unto Assignee all of its right, title, and interest to:
  - a. The Patents, including all U.S. and foreign counterparts and rights of priority thereto;
  - b. Any continuations, continuations-in-part (in whole or in part) filed by Assignee, divisionals, extensions, renewals, reissues, utility models, inventor's certificates and reexaminations issuing from the Patents and filed by the Assignee;
  - c. All rights of action to recover for past, present and future damages for infringement of said Patents subject to any licensing agreement of the Assignor set forth on Schedule 2.1.1(a) of the Intellectual Property Agreement of even date herewith; and
  - d. The right for the Assignee to register any of the Patents transferred to the Assignee in its own name.
2. Assignor shall cooperate with Assignee, at Assignee's request, to execute all documents and deeds that are reasonably necessary for giving full effect to the assignment contained herein.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

MOTOROLA, INC.

AMERSHAM BIOSCIENCES AB

By: *Jonathan P. Meyer*

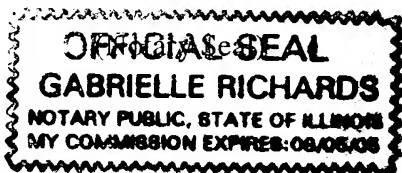
Name: JONATHAN P. MEYER  
Title: SR. VICE PRESIDENT &  
ASST. GENERAL COUNSEL  
I.D. SECTION, LAW DEPT.

By: \_\_\_\_\_

Name:  
Title:

THE STATE OF ILLINOIS      3  
COUNTY OF COOK      3

Before me, the undersigned authority, on this 17<sup>th</sup> day of July, 2002 personally appeared JONATHAN P. MEYER, who being by me first duly sworn declared that he is the SR. V.P. + ASST. GEN'L COUNSEL of Motorola, Inc. and acknowledged to me that he executed the foregoing Assignment for the purposes therein expressed.



*Gabrielle Richards*  
Notary Public

THE STATE OF      3  
COUNTY OF      3

Before me, the undersigned authority, on this \_\_\_\_\_ day of July, 2002 personally appeared \_\_\_\_\_, who being by me first duly sworn declared that he is the \_\_\_\_\_ of Amersham Biosciences AB and acknowledged to me that he executed the foregoing Assignment for the purposes therein expressed.

(Notary Seal)

\_\_\_\_\_  
Notary Public

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

MOTOROLA, INC.

AMERSHAM BIOSCIENCES AB

By: \_\_\_\_\_

Name:

Title:

By: Andrew Carr

Name: Andrew Carr

Title: Authorized Signatory

THE STATE OF

3

3

COUNTY OF

3

Before me, the undersigned authority, on this \_\_\_\_\_ day of July, 2002 personally appeared \_\_\_\_\_, who being by me first duly sworn declared that he is the \_\_\_\_\_ of Motorola, Inc. and acknowledged to me that he executed the foregoing Assignment for the purposes therein expressed.

(Notary Seal)

\_\_\_\_\_  
Notary Public

THE STATE OF New Jersey

3

3

COUNTY OF Middlesex

3

Before me, the undersigned authority, on this 18<sup>th</sup> day of July, 2002 personally appeared Andrew Carr, who being by me first duly sworn declared that he is the Authorized Signatory of Amersham Biosciences AB and acknowledged to me that he executed the foregoing Assignment for the purposes therein expressed.

(Notary Seal)

Kim R. Novak

\_\_\_\_\_  
Notary Public

KIM R. NOVAK

Notary Public of New Jersey

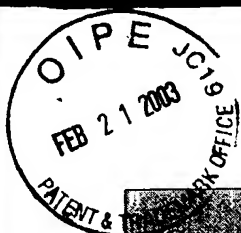
My Commission Expires May 17, 2005

LIC. 2177995

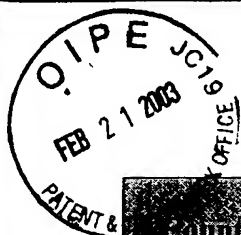


| Country   | Patent No. / Appl. No. | Status  | Title                                                                                         |
|-----------|------------------------|---------|-----------------------------------------------------------------------------------------------|
| Australia | 707952                 | Granted | MOLECULAR DETECTION APPARATUS AND METHOD USING OPTICAL WAVE                                   |
| Australia | 711411                 | Granted | METHOD AND SYSTEM FOR PERFORMING A BINDING ASSAY                                              |
| Australia | 56362/00               | Filed   | METHODS AND COMPOSITIONS FOR ATTACHMENT OF BIOMOLECULES TO SOLID SUPPORT HYDROGELS            |
| Canada    | 2251942                | Filed   | MOLECULAR DETECTION APPARATUS AND METHOD USING OPTICAL WAVE                                   |
| Canada    | 2260897                | Filed   | METHOD AND SYSTEM FOR PERFORMING A BINDING ASSAY                                              |
| Canada    | PCT/US00/17422         | Filed   | METHODS AND COMPOSITIONS FOR ATTACHMENT OF BIOMOLECULES TO SOLID SUPPORT HYDROGELS            |
| France    | 9704604                | Filed   | MOLECULAR DETECTION APPARATUS AND METHOD USING OPTICAL WAVE                                   |
| France    | 9704606                | Granted | METHOD AND SYSTEM FOR SYNTHESIZING OLIGONUCLEOTIDES USING NUCLEOTIDE-SPECIFIC DISPENSING BARS |
| India     | 968/Del/1997           | Filed   | MOLECULAR DETECTION APPARATUS AND METHOD USING OPTICAL WAVE                                   |
| India     | 977/Del/97             | Filed   | METHOD AND SYSTEM FOR SYNTHESIZING OLIGONUCLEOTIDES USING NUCLEOTIDE-SPECIFIC DISPENSING BARS |
| India     | 698/Del/97             | Filed   | METHOD AND SYSTEM FOR BIOLOGICAL REAGENT PLACEMENT                                            |
| Japan     | 2000-576950            | Filed   | METHOD OF BONDING BIO-MOLECULE TO A TEST SITE                                                 |
| Japan     | 9-537158               | Filed   | METHOD AND SYSTEM FOR SYNTHESIZING OLIGONUCLEOTIDES USING NUCLEOTIDE-SPECIFIC DISPENSING BARS |
| Japan     | 10-550418              | Filed   | METHOD AND SYSTEM FOR PERFORMING A BINDING ASSAY                                              |





| Country       | Patent No. / Appl. No. | Status  | Title                                                                                         |
|---------------|------------------------|---------|-----------------------------------------------------------------------------------------------|
| Japan         | 2001-507097            | Filed   | METHODS AND COMPOSITIONS FOR ATTACHMENT OF BIOMOLECULES TO SOLID SUPPORT HYDROGELS            |
| Korea         | 10-2000-0013387        | Filed   | BIO-MOLECULE ANALYZER                                                                         |
| Korea         | 10-2000-0015450        | Filed   | METHOD OF BONDING BIO-MOLECULE TO A TEST SITE                                                 |
| United States | 6,203,985              | Granted | BIO-MOLECULE ANALYZER                                                                         |
| United States | 5,936,730              | Granted | BIO-MOLECULE ANALYZER                                                                         |
| United States | 6,048,699              | Granted | METHOD OF FABRICATION BIOCHIP ARRAYS                                                          |
| United States | 6,096,172              | Granted | METHOD OF BONDING BIO-MOLECULE TO A TEST SITE                                                 |
| United States | 09/580,744             | Filed   | METHOD OF BONDING BIO-MOLECULE TO A TEST SITE                                                 |
| United States | 5,597,182              | Granted | PERSONAL HUMAN ANATOMY CARD                                                                   |
| United States | 5,671,303              | Granted | MOLECULAR DETECTION APPARATUS AND METHOD USING OPTICAL WAVE                                   |
| United States | 5,841,914              | Granted | MOLECULAR DETECTION APPARATUS AND METHOD USING OPTICAL WAVE                                   |
| United States | 6,103,467              | Granted | METHOD AND SYSTEM FOR SYNTHESIZING OLIGONUCLEOTIDES USING NUCLEOTIDE-SPECIFIC DISPENSING BARS |
| United States | 5,733,509              | Granted | METHOD AND SYSTEM FOR SYNTHESIZING OLIGONUCLEOTIDES USING NUCLEOTIDE-SPECIFIC DISPENSING BARS |
| United States | 6,013,446              | Granted | METHOD AND SYSTEM FOR BIOLOGICAL REAGENT PLACEMENT                                            |
| United States | 5,731,152              | Granted | METHOD AND SYSTEM FOR BIOLOGICAL REAGENT PLACEMENT                                            |
| United States | 5,948,694              | Granted | MOLECULAR DETECTION APPARATUS                                                                 |
| United States | 6,048,691              | Granted | METHOD AND SYSTEM FOR PERFORMING A BINDING ASSAY                                              |



| Country       | Patent No. / Appl. No.                                     | Status  | Title                                                                                                                |
|---------------|------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------|
| United States | 60/155,431                                                 | Filed   | DIMENSIONAL MICRO-ARRAY SYSTEM FOR PARALLEL GENOTYPING OF SINGLE NUCLEOTIDE POLYMORPHISM                             |
| United States | 10/114,903                                                 | Filed   | SINGLE NUCLEOTIDE POLYMORPHISM BIOCHIP ANALYSIS                                                                      |
| United States | 09/439,889                                                 | Filed   | MACROPOROUS MEDIA FOR BIOLOGICAL APPLICATION                                                                         |
| United States | 09/334,217<br>(Second appl.<br>awaiting S/N<br>from USPTO) | Filed   | POLYACRYLAMIDE HYDROGELS                                                                                             |
| United States | 09/464,490<br>09/605,766<br>09/492,013                     | Filed   | METHOD AND APPARATUS FOR PERFORMING BIOLOGICAL REACTIONS ON A SUBSTRATE SURFACE                                      |
| United States | 09/344,620                                                 | Filed   | METHODS AND COMPOSITIONS FOR ATTACHMENT OF BIOMOLECULES TO SOLID SUPPORT HYDROGELS                                   |
| United States | 09/976,986<br>10/025,185                                   | Filed   | USE AND EVALUATION OF 2+2 PHOTOADDITION IN IMMOBILIZATION OF OLIGONUCLEOTIDES ON A THREE DIMENSIONAL HYDROGEL MATRIX |
| United States | 09/707,823                                                 | Filed   | SCHIFF BASE REDUCTANT CODISPENSE PROCESS                                                                             |
| United States | 09/642,863                                                 | Filed   | BINDING ARRAYS                                                                                                       |
| United States | 10/022,014                                                 | Filed   | POST-SYNTHESIS LABELING OF NUCLEIC ACIDS                                                                             |
| United States | 10/114,908                                                 | Filed   | P450 SINGLE NUCLEOTIDE POLYMORPHISM BIOCHIP ANALYSIS                                                                 |
| United States | 60/950,767                                                 | Filed   | RCA APPLICATION                                                                                                      |
| United States | 09/946,424                                                 | Filed   | ARRAY USING MICROSPHERES                                                                                             |
| United States | 09/921,045                                                 | Filed   | RATIO-BASED OLIGONUCLEOTIDE PROBE SELECTION                                                                          |
| Taiwan        | NI-118637                                                  | Granted | MOLECULAR DETECTION APPARATUS AND METHOD USING OPTICAL WAVE                                                          |



| Regional Patent Office    | Appl. No.   | Status | Title                                                                                                                |
|---------------------------|-------------|--------|----------------------------------------------------------------------------------------------------------------------|
| European Patent Office    | 99953162.7  | Filed  | METHOD OF BONDING BIO-MOLECULE TO A TEST SITE                                                                        |
| European Patent Office    | 97921108.3  | Filed  | MOLECULAR DETECTION APPARATUS AND METHOD USING OPTICAL WAVE                                                          |
| European Patent Office    | 9892372.1   | Filed  | METHOD AND SYSTEM FOR PERFORMING A BINDING ASSAY                                                                     |
| European Patent Office    | 941693.4    | Filed  | METHODS AND COMPOSITIONS FOR ATTACHMENT OF BIOMOLECULES TO SOLID SUPPORT HYDROGELS                                   |
| Patent Cooperation Treaty | US/00/25988 | Filed  | DIMENSIONAL MICRO-ARRAY SYSTEM FOR PARALLEL GENOTYPING OF SINGLE NUCLEOTIDE POLYMORPHISM                             |
| Patent Cooperation Treaty | US/00/42053 | Filed  | MACROPOROUS MEDIA FOR BIOLOGICAL APPLICATION                                                                         |
| Patent Cooperation Treaty | US/00/34145 | Filed  | METHOD AND APPARATUS FOR PERFORMING BIOLOGICAL REACTIONS ON A SUBSTRATE SURFACE                                      |
| Patent Cooperation Treaty | US/01/02664 | Filed  | METHOD AND APPARATUS FOR PERFORMING BIOLOGICAL REACTIONS ON A SUBSTRATE SURFACE                                      |
| Patent Cooperation Treaty | US/01/24894 | Filed  | USE AND EVALUATION OF 2+2 PHOTOADDITION IN IMMOBILIZATION OF OLIGONUCLEOTIDES ON A THREE DIMENSIONAL HYDROGEL MATRIX |
| Patent Cooperation Treaty | US/01/41912 | Filed  | SCHIFF BASE REDUCTANT CODISPENSE PROCESS                                                                             |

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**

Applicant(s): Amersham Biosciences AB

Docket No.

Motorola

Serial No.

Various

Filing Date

Various

Examiner

Various

Group Art Unit

Various

Invention: Various



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